



**2016**

DRIVE YOUR COUNTY TO THE  
**TOP TEN**

INFORMING • CONNECTING • ACCELERATING

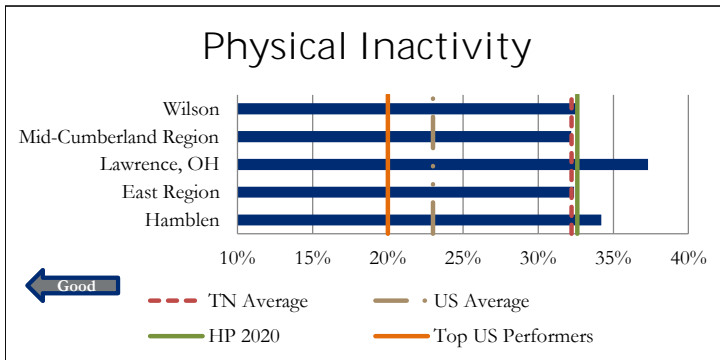
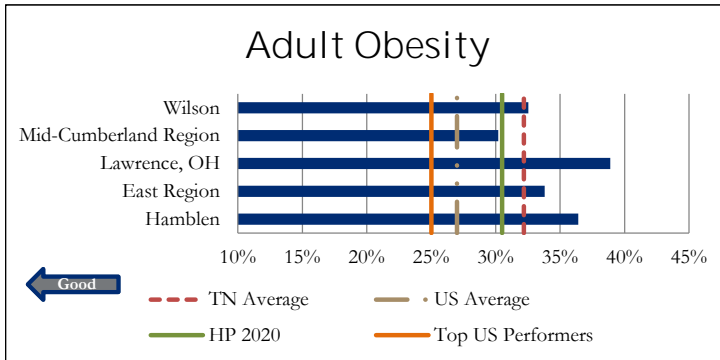
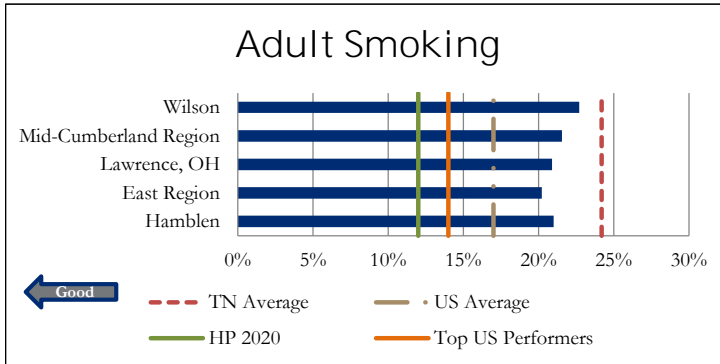
Hamblen County

**TN**

Department of  
**Health**

Demographics

<b>Population:</b>	63,036	<b>&lt;18 YOA:</b>	23.40%	<b>65+ YOA:</b>	17.62%	<b>% Rural:</b>	21.90%
<b>Unemployment:</b>	7.31%	<b>% Females:</b>	51.30%	<b>% Males:</b>	48.70%	<b>Graduation Rate:</b>	89.00%
<b>Single parent households:</b>	33.86%	<b>MHI:</b>	\$37,410				



### Top Third

Measure	Value
Long Commute - Driving Alone	22.00%
Dentists	1704:1
Mental Health Providers	624:1
Adult Obesity	30.20%
Air Pollution - Particulate Matter	13.18
Physical Inactivity	32.20%
Primary Care Physicians	1538:1
Social Associations	14.11
Access to Exercise Opportunities	64.02%
Excessive Drinking	11.10%

### Middle Third

Measure	Value
Adult Smoking	22.70%
Mammography Screening	61.00%
Unemployment	7.31%
Severe Housing Problems	13.42%
Driving Alone to Work	84.01%
Poor Mental Health Days	4.70
Low Birthweight	8.61%
Sexually Transmitted Infections	283.68
Premature Death	9887.00
Poor Physical Health Days	4.90

### Bottom Third

Measure	Value
Uninsured	20.21%
Teen Births	62.42
Children in Poverty	33.70%
Violent Crime	526.33
Poor or Fair Health	23.50%
Food Environment Index	6.60
Income Inequality	4.85
Alcohol-Impaired Driving Deaths	34.78%



### Tennessee's Big 3 + 1

Why were these charts selected? The "Big 3 + 1" directly influences at least six of the top ten leading causes of death in Tennessee, and also directly influence other public health threats, such as heart disease, cancer, and diabetes. Overall, the Big Three plus One influences two-thirds of the factors that contribute to Tennessee's overall rank.

### Comparative Counties:

Each graph provides the Tennessee county with its respective region and three non-Tennessee comparative counties from around the US based on county-level demographics. The vertical lines represent: the TN Average, the US Average, Top US Performers (top 10%) and the Healthy People 2020 (HP) Goal. For all measures a decrease (shift left) in percentage represents improvement.

YOA: Years of Age. MHI: Median Household Income. HP 2020: Healthy People 2020 Goal. Adult Smoking: Percentage of adults who are current smokers. Source: Behavioral Risk Factor Surveillance System; 2006-2012. Adult Obesity: Percentage of adults that report a BMI of 30 or more. Source: CDC Diabetes Interactive Atlas; 2011. Physical Inactivity: Percentage of adults aged 20 and over reporting no leisure-time physical activity. Source: CDC Diabetes Interactive Atlas; 2011. Prepared by the Division of Administrative Services, Tennessee Department of Health. Nashville, TN. admin.health@tn.gov or 615-741-5001.

Health Outcomes	Length of Life	Premature Death									
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
		48	Knox	9887.00	7735.80	2151.20	↑Bad ↓Good	6,600.00	Guernsey, OH	8679.90	
		For every 100 people in the county, 1 people in the county need to live one year closer to age 75.							Randolph, IN	8328.50	
		Source		National Center for Health Statistics - Mortality files		Year(s)		2011-2013	Lawrence, OH	9427.20	
Health Outcomes	Quality of Life	Poor or Fair Health*									
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
		74	Rutherford	23.50%	19.60%	3.90%	↑Bad ↓Good	18.00%	Guernsey, OH	18.00%	
		Improve the health of 4 out of every 100 people in the county who, in general, report being in poor or fair health.							Randolph, IN	17.60%	
		Source		Behavioral Risk Factor Surveillance System		Year(s)		2014	Lawrence, OH	18.30%	
		Percentage of adults reporting fair or poor health (age-adjusted)									
	Poor Physical Health Days*										
	Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	54	Knox	4.90	4.30	0.60	↑Bad ↓Good	3.8	Guernsey, OH	4.10		
	Engage people in the county on ways to reduce number of poor physical health days reported by residents by 1 days per month.							Randolph, IN	4.00		
	Source		Behavioral Risk Factor Surveillance System		Year(s)		2014	Lawrence, OH	4.30		
	Average number of physically unhealthy days reported in past 30 days (age-adjusted)										
Poor Mental Health Days*											
Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value			
41	Williamson	4.70	3.80	0.90	↑Bad ↓Good	2.8	Guernsey, OH	4.30			
Engage people in the county on ways to reduce number of poor physical health days reported by residents by 1 days per month.							Randolph, IN	4.10			
Source		Behavioral Risk Factor Surveillance System		Year(s)		2014	Lawrence, OH	4.50			
Average number of mentally unhealthy days reported in past 30 days (age-adjusted)											
Low Birthweight											
Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value			
43	Pickett	8.61%	7.24%	1.37%	↑Bad ↓Good	8.00%	Guernsey, OH	8.11%			
Reduce the number of low birth weight babies by 2 for every 100 live births.							Randolph, IN	9.25%			
Source		National Center for Health Statistics - Natality files		Year(s)		2007-2013	Lawrence, OH	10.07%			
Percentage of live births with low birthweight (< 2500 grams)											
Health Factors	Health Behaviors	Adult Smoking*									
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
		34	Humphreys	22.70%	21.10%	1.60%	↑Bad ↓Good	17.00%	Guernsey, OH	21.00%	
	Get 8 out of every 100 current adult smokers in the county to quit smoking.							Randolph, IN	20.20%		
	Source		Behavioral Risk Factor Surveillance System		Year(s)		2014	Lawrence, OH	20.90%		
	Percentage of adults who are current smokers										
	Adult Obesity										
	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	13	Hamilton	30.20%	29.90%	0.30%	↑Bad ↓Good	27.00%	Guernsey, OH	36.40%		
Get 1 out of every 100 current obese adults in the county to reduce their BMI below 30.							Randolph, IN	33.80%			
Source		CDC Diabetes Interactive Atlas		Year(s)		2012	Lawrence, OH	38.90%			
Percentage of adults that report a BMI of 30 or more											
Food Environment Index											
Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value			
70	Cannon	6.60	7.9	1.3	↑Good ↓Bad	7.20	Guernsey, OH	7.00			
Increase the county's food index score by 1.3.							Randolph, IN	6.80			
Source		USDA Food Environment Atlas, Map the Meal Gap		Year(s)		2013	Lawrence, OH	7.00			
Index of factors that contribute to a healthy food environment, 0 (worst) to 10 (best)											

Prepared by the Division of Administrative Services, Tennessee Department of Health, Nashville, TN. May 2016. admin.health@tn.gov or 615-741-9398. The full report can be accessed at: <http://tn.gov/health/topic/specialreports>. All data is from the University of Wisconsin Population Health Institute and Robert Wood Johnson Foundation's, 2015 *County Health Rankings and Roadmaps* report. Difference statements represent the absolute value using the following formula: ["Value" - "10th Ranked Value"]. \*The action statements are based on the assumption that no new additional cases occur. \*\*Data should not be compared with prior years due to changes in definition/methods. **All rankings and action statements presented in this report must be interpreted with caution due to various limitations of each measurement. Further information with regards to the strengths and limitations of each measurement may be found by clicking the hyperlink found in the description of each measurement.**

Health Factors		Health Behaviors		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
				Physical Inactivity	14	Shelby	32.20%	30.20%	2.00%	↑Bad ↓Good	23.00%	Guernsey, OH
<a href="#">Percentage of adults aged 20 and over reporting no leisure-time physical activity</a>		Get 7 out of every 100 currently physically inactive adults to exercise during leisure time.									Randolph, IN	32.40%
Source		CDC Diabetes Interactive Atlas			Year(s)		2012		Lawrence, OH		37.30%	
Access to Exercise Opportunities		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
		31	Loudon	64.02%	78.48%	14.46%	↑Good ↓Bad	84.00%	Guernsey, OH	48.09%		
<a href="#">Percentage of population with adequate access to locations for physical activity</a>		Consider how to remove barriers to access exercise locations to reach an additional 14.46 percent of the county's population.									Randolph, IN	33.21%
Source		Business Analyst, Delorme, ESRI, & US Census Tigerline Files			Year(s)		2010 & 2014		Lawrence, OH		96.23%	
Excessive Drinking		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
		31	Benton	11.10%	10.60%	0.50%	↑Bad ↓Good	17.00%	Guernsey, OH	17.60%		
<a href="#">Percentage of adults reporting binge or heavy drinking</a>		Get 5 out of every 100 adults in the county that currently drink to excess (binge and heavy drinkers) to stop drinking more than one (women) or two (men) drinks per day on average.									Randolph, IN	14.20%
Source		Behavioral Risk Factor Surveillance System			Year(s)		2014		Lawrence, OH		15.20%	
Alcohol-Impaired Driving Deaths		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
		66	Sullivan	34.78%	19.17%	15.62%	↑Bad ↓Good	31.00%	Guernsey, OH	30.56%		
<a href="#">Percentage of driving deaths with alcohol involvement</a>		Reduce the number of alcohol related driving deaths by 15.62 percent.									Randolph, IN	22.22%
Source		Fatality Analysis Reporting System			Year(s)		2010-2014		Lawrence, OH		35.48%	
Sexually Transmitted Infections		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
		47	Overton	283.68	153.22	130.46	↑Bad ↓Good	446.60	Guernsey, OH	296.36		
<a href="#">Number of newly diagnosed chlamydia cases per 100,000 population</a>		Consider ways to educate 5 out of every 10 persons self-reporting to be involved in any sexual contact to commit to using safe sex practices to prevent the infection of Chlamydia.									Randolph, IN	278.91
Source		National Center for HIV/AIDS, Viral Hepatitis, STD, & TB Prevention			Year(s)		2013		Lawrence, OH		175.50	
Teen Births		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
		89	Putnam	62.42	34.87	27.55	↑Bad ↓Good	35.00	Guernsey, OH	39.09		
<a href="#">Teen birth rate per 1,000 female population, ages 15-19</a>		For every 100 teenage females (ages 15 to 19 years) in the county, consider ways to prevent 45 teen(s) from becoming pregnant.									Randolph, IN	44.54
Source		National Center for Health Statistics - Natality files			Year(s)		2007-2013		Lawrence, OH		47.68	
Uninsured		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
		91	Cheatham	20.21%	14.54%	5.67%	↑Bad ↓Good	17.00%	Guernsey, OH	14.10%		
<a href="#">Percentage of population under age 65 without health insurance</a>		Get 29 out of every 100 currently uninsured adults ages 18-64 to obtain health insurance.									Randolph, IN	16.94%
Source		Small Area Health Insurance Estimates			Year(s)		2013		Lawrence, OH		13.43%	
Primary Care Physicians		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
		17	Coffee	1538:1	1368:1	170	↑Bad ↓Good	1320:1	Guernsey, OH	2086:1		
<a href="#">Ratio of population to primary care physicians</a>		To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 10 primary care providers would need to be recruited to the county. More importantly, if the county's value is greater than 3,500, this county would be considered a Health Professional Shortage Area.									Randolph, IN	3661:1
Source		Area Health Resource File/American Medical Association			Year(s)		2013		Lawrence, OH		1876:1	
Dentists		Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
		9	Hamilton	1704:1	1416:1	288	↑Bad ↓Good	1540:1	Guernsey, OH	2084:1		
<a href="#">Ratio of population to dentists</a>		To reach a population-to-provider ratio at or exceeding that of the 5th ranking county, 15 dental care providers would need to be recruited to the county. More importantly, if the county's value is greater than 5,000, this county would be considered a Health Professional Shortage Area.									Randolph, IN	4231:1
Source		Area Health Resource File/National Provider Identification file			Year(s)		2014		Lawrence, OH		2934:1	

Health Factors		Clinical Care		Mental Health Providers		Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value					
				9	Maury	624:1	450:1	174	↑Bad ↓Good	490:1	Guernsey, OH	1042:1							
				<a href="#">Ratio of population to mental health providers</a> To reach a population-to-provider ratio at or exceeding that of the 5th ranking county, 76 mental health providers would need to be recruited to the county. More importantly, if the county's value is greater than 30,000, this county would be considered a Health Professional Shortage Area.										Randolph, IN	3626:1				
		Source		CMS, National Provider Identification file		Year(s)		2015		Lawrence, OH		1712:1							
				Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value							
				62		Anderson		81.29		50.27		31.02		↑Bad ↓Good		54.00		Guernsey, OH	
				<a href="#">Number of hospital stays for ambulatory-care sensitive conditions per 1,000 Medicare enrollees</a> For every 100 Medicare enrollees, prevent 1 Medicare enrollees from being hospitalized for ambulatory-care sensitive conditions.										Randolph, IN	78.71				
		Source		Dartmouth Atlas of Health Care		Year(s)		2013		Lawrence, OH		105.81							
				Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value							
				60		Giles		85.60%		89.20%		3.60%		↑Good ↓Bad		63.00%		Guernsey, OH	
				<a href="#">Percentage of diabetic Medicare enrollees ages 65-75 that receive HbA1c monitoring</a> For every 100 diabetic Medicare enrollees, get 4 additional Medicare enrollees to receive HbA1c screening.										Randolph, IN	85.27%				
		Source		Dartmouth Atlas of Health Care		Year(s)		2013		Lawrence, OH		85.02%							
				Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value							
				36		Cumberland		61.00%		71.00%		10.00%		↑Good ↓Bad		63.00%		Guernsey, OH	
				<a href="#">Percentage of female Medicare enrollees ages 67-69 that receive mammography screening</a> For every 100 female Medicare enrollees, get 10 additional Medicare enrollees to receive their mammography screening.										Randolph, IN	71.00%				
		Source		Dartmouth Atlas of Health Care		Year(s)		2013		Lawrence, OH		56.00%							
				Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value							
				57		Tipton		89.00%		98.00%		9.00%		↑Good ↓Bad		82.00%		Guernsey, OH	
				<a href="#">Percentage of ninth-grade cohort that graduates in four years</a> For every 100 ninth graders, assist 9 additional ninth graders to graduate within four years.										Randolph, IN	87.15%				
		Source		EDFacts		Year(s)		2012-2013		Lawrence, OH		92.20%							
				Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value							
				54		Shelby		43.82%		62.28%		18.46%		↑Good ↓Bad		64.00%		Guernsey, OH	
				<a href="#">Percentage of adults ages 25-44 years with some post-secondary education</a> For every 100 adults between 25-44 years of age, assist 19 additional adults to complete some coursework at the collegiate level.										Randolph, IN	55.48%				
		Source		American Community Survey		Year(s)		2010-2014		Lawrence, OH		48.02%							
				Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value							
				37		Robertson		7.31%		5.69%		1.62%		↑Bad ↓Good		6.20%		Guernsey, OH	
				<a href="#">Percentage of population ages 16 and older unemployed but seeking work</a> For every 100 persons ages 16 years and older, help 2 persons successfully find employment.										Randolph, IN	6.58%				
		Source		Bureau of Labor Statistics		Year(s)		2014		Lawrence, OH		6.53%							
				Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value							
				82		Dickson		33.70%		21.10%		12.60%		↑Bad ↓Good		22.00%		Guernsey, OH	
				<a href="#">Percentage of children under age 18 in poverty</a> For every 100 children (under 18 years) in poverty, help 38 children to find assistance to get out of poverty.										Randolph, IN	23.70%				
		Source		Small Area Income and Poverty Estimates		Year(s)		2014		Lawrence, OH		27.40%							
				Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value							
				70		Houston		4.85		4.11		0.74		↑Bad ↓Good		4.70		Guernsey, OH	
				<a href="#">Ratio of household income at the 80th percentile to income at the 20th percentile</a> To reach a household income ratio at or below that of the 10th ranking county reduce the gap between the 80th percentile and 20th percentile by 1 household(s).										Randolph, IN	4.18				
		Source		American Community Survey		Year(s)		2010-2014		Lawrence, OH		4.78							

Health Factors	Social & Economic Factors	Children in Single-Parent Households	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		<a href="#">Percentage of children that live in a household headed by single parent</a>	63	Lawrence	33.86%	23.36%	10.49%	↑Bad ↓Good	34.00%	Guernsey, OH	32.59%
		For every 100 single parent households in the county, investigate ways to encourage 31 households to be a multi-parent household.							Randolph, IN	34.44%	
		Source	American Community Survey				Year(s)	2010-2014	Lawrence, OH	37.01%	
Social Associations	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	24	Johnson	14.11	16.13	2.02	↑Good ↓Bad	9.00	Guernsey, OH	15.64		
	<a href="#">Number of membership associations per 10,000 population</a>	For every 100 people in the county, increase the number of membership associations by 1.							Randolph, IN	19.90	
		Source	County Business Patterns				Year(s)	2013	Lawrence, OH	10.50	
Violent Crime	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	77	Carter	526.33	206.33	320.00	↑Bad ↓Good	392.00	Guernsey, OH	141.84		
	<a href="#">Number of reported violent crime offenses per 100,000 population</a>	For every 100 persons in the county, prevent 61 people from committing a violent crime.							Randolph, IN	24.93	
		Source	Uniform Crime Reporting - FBI				Year(s)	2010-2012	Lawrence, OH	166.55	
Injury Deaths	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	54	Washington	94.66	70.04	24.62	↑Bad ↓Good	60.00	Guernsey, OH	71.10		
	<a href="#">Number of deaths due to injury per 100,000 population</a>	For every 1,000 population consider ways to prevent 261 deaths as a result of intentional and unintentional injury.							Randolph, IN	65.41	
		Source	CDC WONDER mortality data				Year(s)	2009-2013	Lawrence, OH	73.81	
Air Pollution - Particulate Matter	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	13	Greene	13.18	13.14	0.04	↑Bad ↓Good	11.40	Guernsey, OH	13.73		
	<a href="#">Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)</a>	Reduce the average daily measure of fine particulate matter by 0.04 micrograms per cubic meter (PM2.5).							Randolph, IN	13.46	
		Source	CDC WONDER Environmental data				Year(s)	2011	Lawrence, OH	13.13	
Drinking Water Violations	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	No Rank	NA	No	No	NA	NA	NA	Guernsey, OH	No		
	<a href="#">Percentage of population potentially exposed to water exceeding a violation limit during the past year</a>	There were no health-based drinking water violations.							Randolph, IN	No	
		Source	Safe Drinking Water Information System				Year(s)	FY2013-14	Lawrence, OH	No	
Severe Housing Problems	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	37	Unicoi	13.42%	11.70%	1.72%	↑Bad ↓Good	19.00%	Guernsey, OH	12.71%		
	<a href="#">Percentage of households with at least 1 of 4 housing problems: overcrowding, high housing costs, or lack of kitchen or plumbing facilities</a>	For every 100 persons in the county experiencing housing problems, help 13 person(s) to find housing assistance.							Randolph, IN	12.45%	
		Source	Comprehensive Housing Affordability Strategy (CHAS) data				Year(s)	2008-2012	Lawrence, OH	12.07%	
Driving Alone to Work	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	38	Grundy	84.01%	80.27%	3.75%	↑Bad ↓Good	76.00%	Guernsey, OH	85.38%		
	<a href="#">Percentage of the workforce that drives alone to work</a>	For every 100 persons that currently drive alone to work, convince 5 to carpool or take mass-transportation.							Randolph, IN	83.75%	
		Source	American Community Survey				Year(s)	2010-2014	Lawrence, OH	89.07%	
Long Commute - Driving Alone	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	5	Madison	22.00%	14.70%	7.30%	↑Bad ↓Good	31.00%	Guernsey, OH	27.40%		
	<a href="#">Among workers who commute in their car alone, the percentage that commute more than 30 minutes</a>	For every 100 persons that currently drive more than 30 minutes alone to work, convince 34 to carpool or take mass-transportation.							Randolph, IN	34.00%	
		Source	American Community Survey				Year(s)	2010-2014	Lawrence, OH	29.20%	

Social & Economic Factors

Physical Environment